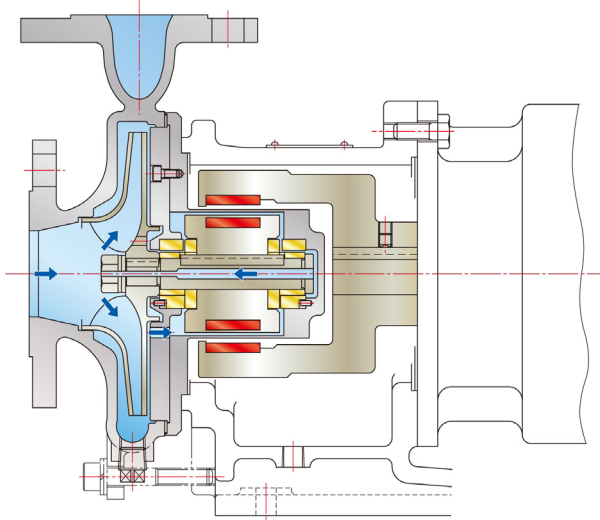


# MP 420

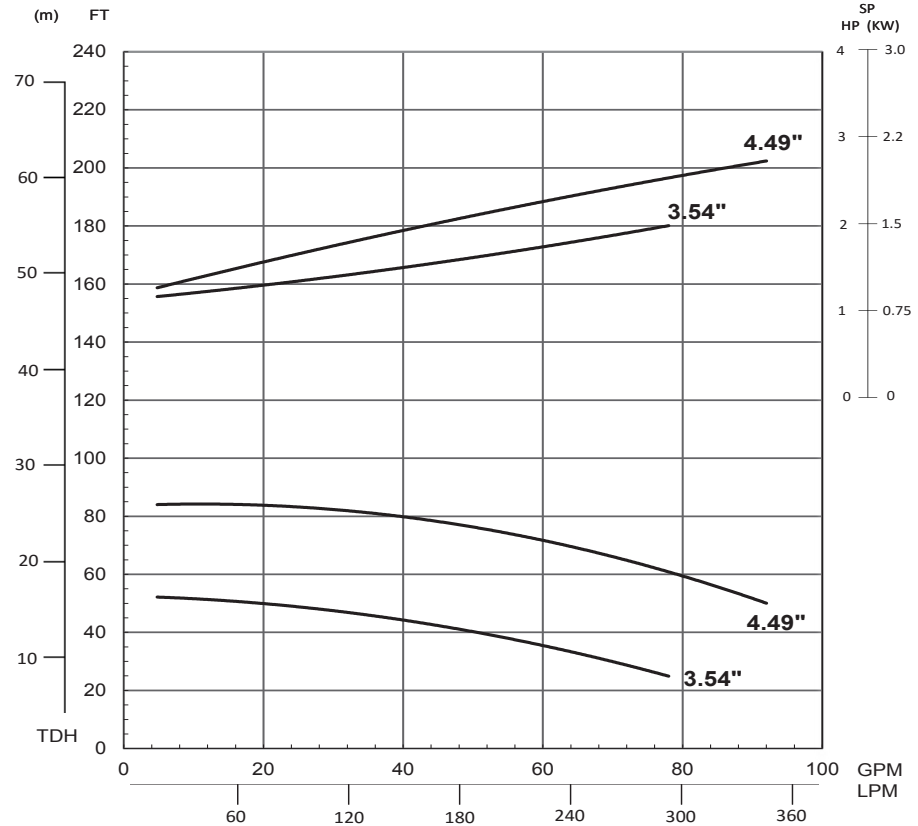
- Silicon Carbide “-D” Bearings allow for limited dry run operation
- Single gasket eliminates multiple leak paths found in competitive designs
- One-piece non-welded machined robust rear casing
- High strength rare earth magnets
- Straddle-mounted and double bearing design prevents shaft deflection and bearing wear
- NEMA Motor provides endless motor possibilities
- Temp range: -22°F to 302°F

\*Consult factory for low temperature (as low as -112°F) and high temperature (up to 536°F) applications.



Part Name	Material
Front Casing	Stainless Steel
Rear Casing	Stainless Steel
Impeller	Stainless Steel
Shaft	Stainless Steel
Thrust Ring	SiC
Sleeve	SiC-D
Bearing	SiC
Gasket	PTFE

PUMP SIZE	MOTOR		CAPACITY		
	FRAME SIZE	OUTPUT (HP)	Min. Flow GPM (LPM)	Max. Head Ft (m)	Max. Flow GPM (LPM)
MP420	56C	1	4.8 (18)	84 (25.6)	92 (348.2)
	143TC	2			
	145TC	3			
	182TC	5			



BORE				DIMENSION inches(mm)													PUMP WEIGHT APPROX. (less motor) lb (kg)
SUCTION		DISCHARGE		A	B	H	I	LH	G	L1	L2	L3	B2	B3	t	FD	
ds	S	dd	D														
1 1/2 (40)	ASME 150lb RF	1 (25)	ASME 150lb RF	2.95 (75)	6.85 (174)	6.69 (170)	5.31 (135)	12.0 (305)	4.92 (125)	9.84 (250)	1.18 (30)	7.48 (190)	7.87 (200)	6.30 (160)	0.71 (18)	0.47 (12)	63.9 (29)
					7.34 (186.5)												74.9 (34)

